

WHAT IS CLAIMED IS:

1. A fuel cell comprising:

a processing circuit processing an electrical output signal of each cell composing a fuel cell stack;

5 a connector connecting said processing circuit with a terminal provided extending from a separator composing said each cell; and

a casing enclosing said processing circuit and said connector.

2. A fuel cell comprising a plurality of separators being stacked and a terminal extending from one end of each separator:

10 wherein terminals provided with said plurality of the separators are separated into a plurality of terminal clusters and the terminal clusters are alternately provided at one side and the other side of said one end; and

wherein a plurality of connector modules formed in a same shape which have each connector portion with a unified connector connected with each terminal of said one terminal cluster and each main body portion formed in a
15 smaller width than the connector portion and formed in a same shape are provided to be reversely directed each other at said one end.

3. A fuel cell comprising:

a fuel cell stack in which a cluster of cells with a plurality of cells being
20 stacked plurally array in a stacked direction;

a sheet form body inserted inbetween said each cluster of cells;

a terminal extending from one end of a separator composing said cluster of cells; and

a connector component having a connector connected with the terminal,
25 wherein said connector component is fixed on said sheet form body.